



**BUSINESS CASE BUILDER**

**Design Profit®** is the industry-leading product design software for maximizing quality and profit in manufacturing processes.

**Design Profit®** combines baseline analysis, brainstorming capability, and powerful redesign functions within a single project file. Data linkages allow the design team to quickly generate multiple redesigns and business case scenarios, and then gauge their impact on process and profits. During brainstorm sessions, users can quantify the value of each idea, immediately track downstream effects, and see cumulative impact on quality, cost, and time before committing. Redesign maps are generated automatically, permitting quick visual comparison to the baseline assembly map. Changes made to a baseline process are automatically applied to all linked redesigns.

**The Quality Report Card®** is an integrated, predictive quality tool based on Six Sigma® methodologies. QRC associates numerical quality values with every part, tool, and process for existing or proposed designs. Quality data can be entered as an inherent defect rate within the library, and/ or can be assigned to every step as the assembly is mapped. QRC gives users a powerful ability to determine the total “cost of quality” for a given design, permitting quantitative decisions about qualitative issues.

The Quality Report Card® can also be used as a DFMEA/PFMEA tool, further integrating engineering functions and the drive toward Best in Class ‘First Time Right’ rates.

**Design Profit® Central Server** is a collaboration tool that allows multiple users to analyze a single project with a common data set. The project administrator or the project publisher can define the team and the level of user access. Using the Central Server, users share common library items such as parts, tools, operations, repeat processes, etc., thereby reducing the overall time required to develop and integrate analyses.

Design Profit® uses libraries to manage parts, tools, processes and repeats to eliminate duplication and permit rapid, global changes. A bill of material can be directly imported into a project library. The imported bill of material can also be used to generate a hierarchical baseline assembly map.

Design Profit® provides a series of common reports, such as the Executive Comparison Report (Business Case), Bill of Materials, Assembly Report, Cost of Quality Report, and more. Reports are easily generated using drag and drop functions. Each report can be saved and used by all team members, assuring consistency. All reports have a capture utility, making it easy to cut and paste key information into presentation programs.

Reports are easily customizable to focus on key findings, such as piece cost, material, weight, suppliers, labor time, labor costs, quality, and other useful metrics.

Design Profit® means maximum engineering efficiency, quality, and flexibility – and that means maximum profit.

**For more information contact:**

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